



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: August 26, 2019

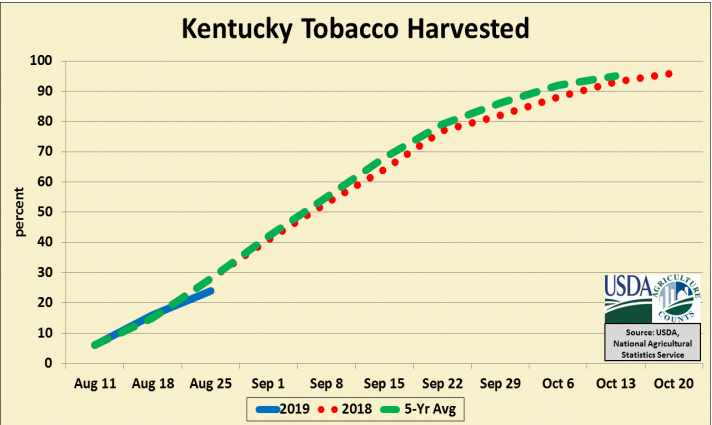
Issue: 24-19

Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.00 inches, 0.17 inches above normal. Temperatures averaged 76 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 8 percent very short, 32 percent short, 56 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 6 percent very short, 32 percent short, 60 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.7 out of a possible seven.

Primary activities for this week included harvesting hay along with topping and cutting tobacco. Pockets of the state received some much needed rainfall this week while other areas continue to battle drought. Corn harvest has initiated, however nearly all the crop is still in the field. Crop stages vary geographically as the planting season was very wet for much of the state. Corn, soybeans, and tobacco remain in mostly good condition despite the extended dry weather. Pasture is in mostly fair condition as the heat and drought have taken a toll. Harvested hay is in mostly good condition at this juncture, however producers are seeing low yields in areas that are especially dry.

SOIL MOISTURE for week ending 08/25/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	8	32	56	4
Subsoil	6	32	60	2



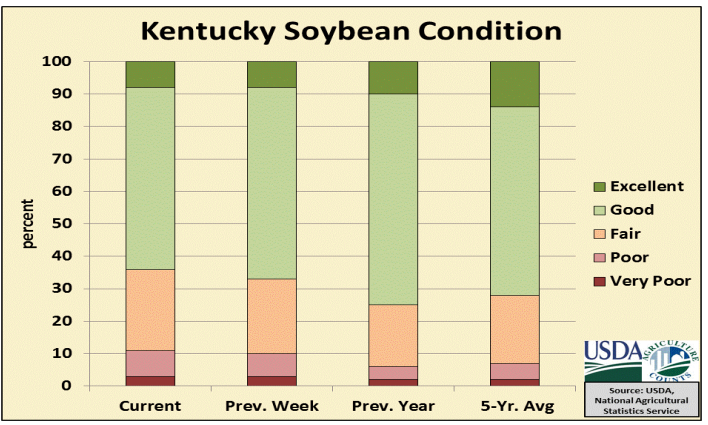
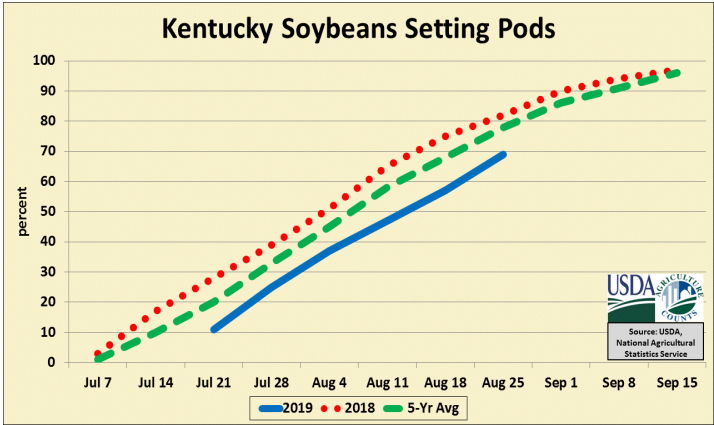
CROP PROGRESS for week ending 08/25/19

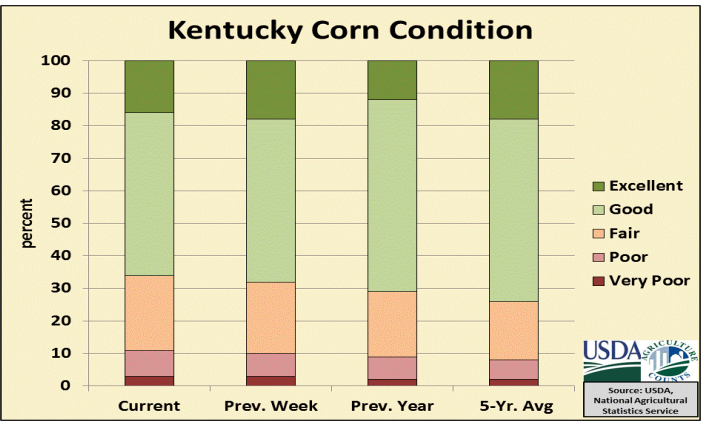
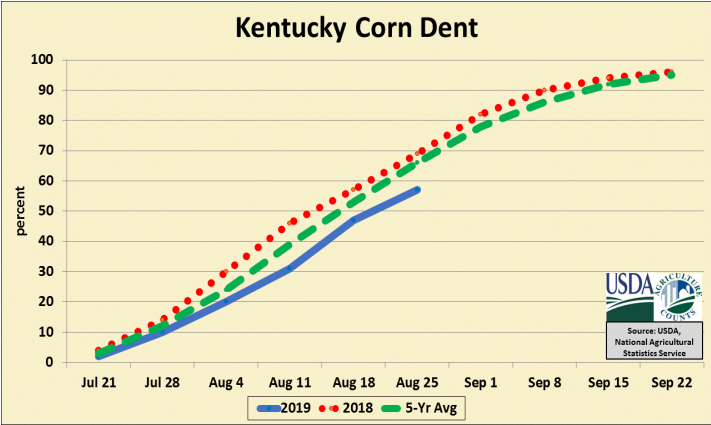
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Milked	86	82	95	93
Corn Dough	76	69	87	83
Corn Dent	57	47	69	66
Corn Mature	23	12	43	29
Corn Harvested	1	-	1	1
Soybeans Blooming	87	80	94	91
Soybeans Setting Pods	69	57	82	78
Soybeans Coloring	16	10	20	15
Tobacco Blooming	92	85	89	91
Tobacco Topped	75	69	76	77
Tobacco Cut	24	16	28	28

- Represents zero.

CROP CONDITIONS for week ending 08/25/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	8	23	50	16
Hay	2	12	33	46	7
Pasture	5	18	39	35	3
Soybeans	3	8	25	56	8
Tobacco Set	3	12	33	45	7





Kentucky Climate Summary
For the Period August 19, 2019 to August 25, 2019

Above Normal Temperatures and Rainfall:

After three straight weeks of below normal precipitation, the US Drought Monitor introduced an area of ‘Moderate Drought’ to portions of North Central Kentucky with the latest update. In addition, the area of ‘Abnormally Dry Conditions’ also expanded to include nearly half of the state. Luckily, the state did finally see some beneficial rainfall this past week as multiple rounds pushed through the area. The unsettled pattern started on Tuesday evening as a line of storms pushed south into the Bluegrass State. This was followed by an active pattern over the next few days as a cold front was slow to pass through the region, each day featuring scattered coverage of showers and storms. Overall, the state averaged an inch for the week, but that number jumped to 1.66 for Western Kentucky. Some portions of this area, including Paducah, saw more than three inches.

Temperatures for the period averaged 76 degrees across the state which was 1 degree warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 86 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to near normal in the East. Low temperatures averaged from 68 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 99 degrees at LEXINGTON APT and the extreme low was 52 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.00 inches statewide which was 0.17 inches above normal and 120% of normal. Precipitation totals by climate division, West 1.66 inches, Central 0.98 inches, Bluegrass 0.78 inches and East 0.57 inches, which was 0.91, 0.14, -0.06 and -0.32 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at BIG SANDY to a high of 4.21 inches at MAYFIELD 6SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/25/19 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.63	21.77	1.88	1.59	-1.77	96	57	77	4	186	3,044	214
Berea	0.20	21.91	0.71	1.25	-2.94	99	56	76	4	182	2,892	4
Bowling Green	1.22	22.25	3.03	1.25	-0.26	97	67	80	7	212	3,454	515
Bristol	2.76	22.62	3.64	5.00	0.67	93	59	76	4	184	3,064	374
Buckhorn Lake	0.81	21.24	1.49	1.45	-1.92	93	58	75	3	176	2,931	366
Cape Girardeau	1.15	29.82	3.05	10.38	-0.11	94	68	78	3	198	3,322	253
Campbellsville	1.66	20.88	2.14	-2.27	-2.07	94	60	76	3	182	2,908	44
Covington	0.96	24.35	2.51	5.54	-0.60	95	60	75	3	178	2,981	335
Cumberland Gap	1.14	27.13	1.52	5.22	-2.48	80	56	68	-4	124	1,868	-802
Dix Dam	0.18	21.78	2.00	1.04	-1.63	94	56	76	4	183	3,008	186
Evansville	1.23	26.03	5.13	7.22	2.23	92	59	75	0	176	3,154	232
Glasgow	0.58	23.00	1.81	0.23	-1.95	94	64	77	4	190	3,078	229
Grayson	1.10	23.53	2.52	3.92	-0.97	96	56	76	4	182	3,025	502
Hardinsburg	0.68	27.96	1.89	7.17	-1.62	91	60	75	2	172	3,027	78
Henderson	0.67	20.54	2.63	1.29	-0.32	92	61	74	-1	170	3,030	54
Huntington	1.76	21.32	4.53	1.65	0.88	97	53	74	2	168	2,860	152
Jackson	0.10	23.21	0.35	2.33	-3.39	95	59	77	5	190	3,083	518
Lexington	0.71	20.95	1.78	0.77	-1.87	99	58	78	6	198	3,218	476
London	0.80	25.01	0.80	5.78	-2.33	95	61	77	5	191	3,079	372
Louisville	0.98	21.94	1.89	2.27	-1.40	98	60	79	6	201	3,546	625
Mayfield	4.21	25.04	4.29	4.03	0.77	92	66	77	2	188	3,142	165
Nashville	0.22	22.21	4.37	2.63	1.20	96	70	82	9	222	3,686	551
Nolin Lake	3.06	26.92	3.84	4.92	0.33	94	62	77	4	186	3,226	512
Paducah	3.71	33.24	3.90	12.36	0.80	98	68	79	4	202	3,384	352
Princeton	3.15	23.28	5.83	2.15	2.18	93	65	76	1	183	3,088	63
Quicksand	0.22	21.94	1.41	1.06	-2.33	94	55	76	4	182	2,982	417
Somerset	1.29	24.71	1.65	3.00	-1.98	94	61	76	4	180	2,818	78
Spindletop	0.48	20.02	1.99	-0.16	-1.66	99	57	77	5	186	3,198	456
Williamstown	0.37	24.59	2.47	4.72	-0.98	93	55	74	2	165	2,798	116

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.